

12/22/00

12/22/00 U.S. PTO

12-27-00

A

Please type a plus sign (+) inside this box → ☐PTO/SB/05 (11-00)
Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

UTILITY
PATENT APPLICATION
TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1. 53(b))

Attorney Docket No. NREL 99-29

First Inventor Melis Anastasios

Title Plasma Enhanced Chemical Vapor Deposition Method of Forming Vanadium Oxide Films and Vanadium Oxide Thin-Films Prepared Thereby

Express Mail Label No. EJ 200218927 US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. ☒ Applicant claims small entity status.
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 19]
(preferred arrangement set forth below)
- Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if Red)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 7]
5. Oath or Declaration [Total Pages 6]
- a. ☒ Newly executed (original or copy)
- b. ☐ Copy from a prior application (37 CFR 1.63 (d))
(for continuation/divisional with Box 18 completed)
1. ☐ DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s)
named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
- a. ☐ Computer Readable Form (CRF)
- b. Specification Sequence Listing on:
1. ☐ CD-ROM or CD-R (2 copies); or
11. ☐ paper
- c. ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b), Statement of Power of Attorney
(when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. ☐ Request and Certification under 35 U.S.C. 122 (b)(2)(13)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. ☐ Other: _____

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76.

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)

of prior application No.: 60 / 173,391

Prior application information

Examiner

Group Art Unit

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion of the disclosure is omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

☒ Customer Number or Bar Code Label

23712

(Insert Customer No. or Attach bar code label here)

or ☐ Correspondence address below

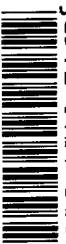
| | | | | | |
|---------|--------------------------------------|-----------|--------------|----------|--------------|
| Name | Paul J. White | | | | |
| Address | National Renewable Energy Laboratory | | | | |
| | 16 17 Cole Blvd. | | | | |
| City | Golden | State | CO | Zip Code | 80401 |
| Country | USA | Telephone | 303/384-7575 | Fax | 303/384-7499 |

| | | | |
|-------------------|----------------------|-----------------------------------|-------------------|
| Name (Print/Type) | Paul J. White | Registration No. (Attorney/Agent) | 30,436 |
| Signature | <i>Paul J. White</i> | Date | December 22, 2000 |

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231

12/22/00 U.S. PTO
09/748690
12/22/00

12/22/00



3c971 U.S. PTO

PTO/SB/17 7 (2/98)

Approved for use through 9/30/2000 OMB 0651-0032
Patent and Trademark Office U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL

Patent fees are subject to annual revision on October 1.

These are the fees effective October 1, 1997.

Small Entity payments must be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12 See 37 C.F.R. §§ 1.27 and 1.28.

TOTAL AMOUNT OF PAYMENT (\$) 355.00

Complete if Known

| | |
|----------------------|------------------|
| Application Number | Not Yet Accorded |
| Filing Date | Not Yet Accorded |
| First Named Inventor | Melis Anastasios |
| Examiner Name | Not Yet Accorded |
| Group / Art Unit | Not Yet Accorded |
| Attorney Docket No. | NREL 99-29 |

METHOD OF PAYMENT (check one)

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to

Deposit Account Number 14-0460

Deposit Account Name National Renewable Energy Lab.

☒ Charge Any Additional Fee Required Under 37 C.F.R. §§ 1.16 and 1.17 ☐ Charge the Issue Fee Set in 37 C.F.R. § 1.18 at the Mailing of the Notice of Allowance

2. ☐ Payment Enclosed:
☐ Check ☐ Money Order ☐ Other

FEE CALCULATION

1. BASIC FILING FEE

| Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description | Fee Paid |
|----------------------------|----------------------------|------------------------|----------|
| 101 790 201 395 | | Utility filing fee | 355.00 |
| 106 330 206 165 | | Design filing fee | |
| 107 540 207 270 | | Plant filing fee | |
| 108 790 208 395 | | Reissue filing fee | |
| 114 150 214 75 | | Provisional filing fee | |

SUBTOTAL (I) (\$) 355.00

2. EXTRA CLAIM FEES

| Total Claims | Extra Claims | Fee from below | Fee Paid |
|--------------------|--------------|----------------|----------|
| 10 | 20** | 0 | 0 |
| Independent Claims | 1 | 3** | 0 |
| Multiple Dependent | | | 0 |

*or number previously paid, if greater; For Reissues, see below

| Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description |
|----------------------------|----------------------------|---|
| 103 22 203 11 | | Claims in excess of 20 |
| 102 82 202 41 | | Independent claims in excess of 3 |
| 104 270 204 135 | | Multiple dependent claim, if not paid |
| 109 82 209 41** | | Reissue independent claims over original patent |
| 110 22 210 11** | | Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2) (\$)

FEE CALCULATION (continued)

3. ADDITIONAL FEES

| Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description | Fee Paid |
|----------------------------|----------------------------|--|----------|
| 105 130 205 65 | | Surcharge - late filing fee or oath | |
| 127 50 227 25 | | Surcharge - late provisional filing fee or cover sheet | |
| 139 130 139 130 | | Non-English specification | |
| 147 2,520 147 2,520 | | For filing a request for reexamination | |
| 112 920* 112 920* | | Requesting publication of SIR prior to Examiner action | |
| 113 1,840* 113 1,840* | | Requesting publication of SIR after Examiner action | |
| 115 110 115 55 | | Extension for reply within first month | |
| 116 400 216 200 | | Extension for reply within second month | |
| 117 950 217 475 | | Extension for reply within third month | |
| 118 1,510 218 755 | | Extension for reply within fourth month | |
| 128 2,060 228 1,030 | | Extension for reply within fifth month | |
| 119 310 219 155 | | Notice of Appeal | |
| 120 310 220 155 | | Filing a brief in support of an appeal | |
| 121 270 221 135 | | Request for oral hearing | |
| 138 1,510 138 1,510 | | Petition to institute a public use proceeding | |
| 140 110 240 55 | | Petition to reive - unavoidable | |
| 141 1,320 241 660 | | Petition to reive - unintentional | |
| 142 1,320 242 660 | | Utility issue fee (or reissue) | |
| 143 450 243 225 | | Design issue fee | |
| 144 670 244 335 | | Plant issue too | |
| 122 130 122 130 | | Petitions to the Commissioner | |
| 123 50 123 50 | | Petitions related to provisional applications | |
| 126 240 126 240 | | Submission of Information Disclosure Stmt | |
| 581 40 581 40 | | Recording each patent assignment per property (times number of properties) | |
| 146 790 246 395 | | Filing a submission after final rejection (37 CFR 1.129(a)) | |
| 149 790 249 395 | | For each additional invention to be examined (37 CFR 1.129(b)) | |

Other fee (specify) _____

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)

SUBMITTED BY

Typed or Printed Name Paul J. White, Senior Patent Counsel

Signature Paul J. White

Date 12/22/00

Complete (if applicable)

Reg. Number 30,436

Deposit Account User ID

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231

PTO
09/748690
12/22/00